

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of : **Xin LIU et al.**

Attorney Docket: **33229-200166**

Serial No.: **TO BE ASSIGNED**

Unit: **TO BE ASSIGNED**

Filed: **January 15, 2004**

Examiner: **TO BE ASSIGNED**

For: **Germination Activated Gandoderma Lucidum Spores and Method
for Producing the Same**

**INFORMATION DISCLOSURE STATEMENT
PURSUANT TO 37 C.F.R. §1.56, 1.97, and 1.98**

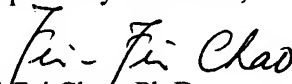
Commissioner of Patents
P.O. Box 1450
Alexandra, VA 22313-1450

Sir:

In compliance with the dictates of 37 C.F.R. § 1.56, 1.97, and 1.98, Applicant hereby submits an Information Disclosure Statement. The attached listing is submitted with the desire that the Examiner consider the information and that the references considered be printed on any resulting patent. It is respectfully requested that the Examiner indicate such consideration by enclosing an appropriately initialed copy of the enclosed form PTO-1449 with the next communication from the Patent Office.

The Commissioner is hereby authorized to charge payment of any additional fees due or credit any overpayment to Deposit Account No. 22-0261. A duplicate copy of this sheet is enclosed.

Respectfully submitted,


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Date: January 15, 2004

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FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT				Atty Docket 33229-200166			
				Applicant Xin LIU et al.			
				Filing Date January 14, 2004		Group:	
U.S. PATENT DOCUMENTS							
Examiner Initial		US PATENT NUMBER	Date	Name	Class	Sub- Class	Filing Date
		4,472,907	9/25/84	Method of Cultivating <i>Ganoderma Lucidum</i> (FR.) Karst.	47	1.1	9/24, 1982
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Sub- Class	Trans- lation
		JP52041208	8/13/93	Japan	G03D	13/00	
		JP2240026	9/25/90	Japan	A61K	35/84	
		CN1134306A	10/30/96	China	A61K	35/84	
		CN1165032A	11/19/97	China	A61K	35/84	
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	AA	Lee, Seung Y.; Cardiovascular Effects of Mycelium Extract of <i>Ganoderma lucidum</i> : Inhibition of Sympathetic Outflow as a Mechanism of Its Hypotensive Action, Chem Pharm. Bull. Vol. 38, P. 1359-1364 (1990)					
	AB	Kim et al., Int. J. Mol. Med Vol. 4(3), P. 273-277 (1999)					
	AC	Lin et al., J. Ethnopharmacol., Vol 47(1), P. 33-41 (1995)					
Examiner					Date Considered		
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.							

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AD	Mekkawy, SaHar et al., Anti-HIV-1 AND ANTI-HIV-A-PROTEASE SUBSTANCES FROM <i>GANODERMA LUCIDUM</i> ; <u>Phytochemistry</u> , Vol 49(6), P. 1651-1657 (1998)
	AE	Wasser, Solomon P., et al., Therapeutic Effects of Substances Occurring in Higher Basidiomycetes Mushrooms: A Modern Perspective; <u>Crit. Rev. Immunol.</u> , Vol. 19(1), P.65-96 (1999)
	AF	Miyazaki, Toshio et al., Studies on Fungal PolysaccharidesXXVII. Structural Examination of a Water-soluble, Antitumor Polysaccharide of <i>Ganoderma lucidum</i> ; <u>Chem. Pharm. Bull.</u> , Vol 29(12), P. 3611-3616 (1981)
	AG	Min, Byung-Sun et al.; Triterpenes from the Spores of <i>Ganoderma lucidum</i> and Their Inhibitory Activity against HIV-1 Protease; <u>Chem. Pharm. Bull.</u> , Vol. 46(10), P. 1607-1612 (1998)
	AH	Kino, K. et al.; An immunomodulating protein, Ling Zhi-8(LZ-8) prevents insulinitis in non-obese diabetic mice; <u>Diabetologia</u> , Vol 33, P. 713-718 (1990)
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	AK	Maruyama, Hirofumi; Antitumor Activity of <i>Sarcodon aspratus</i> (BERK>) S. ITO and <i>Ganoderma lucidum</i> (FR.) KARST.; <u>J. Pharmacobio-Dyn.</u> , Vol. 12, P. 118-123 (1989)
	AL	Shimizu, Akira et al.; Isolation of an Inhibitor of Platelet Aggregation from a Fungus, <i>Ganoderma lucidum</i> ; <u>Chem. Pharm. Bull.</u> , Vol. 33, P. 3012-3015 (1985)
	AM	Morigiwa, Aiko et al.; Angiotension Converting Enzyme-Inhibitory Triterpenes from <i>Ganoderma lucidum</i> ; <u>Chem. Pharm. Bull.</u> , Vol. 34(7), P. 3025-3028 (1986)
	AN	Kanmatsuse, Katsuo et al.; Studies on <i>Ganoderma lucidum</i> . I. Efficacy against Hypertension and Side Effects; <u>YAKUGAKU ZASSHI</u> , Vol. 105(10), P. 942-947 (1985)
	AO	Lieu, Chien-Whei et al.; The Effect of <i>Ganoderma lucidum</i> on Induction of Differentiation in Leukemic U937 Cells; <u>Anticancer Research</u> , Vol. 12, P. 1211-1216 (1992)
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	AQ	O'Neil, Carol E. et al.; Basidiospore Extracts: Evidence for Common Antigenic/Allergenic Determinants; <u>Int. Archs Allergy appl. Immun.</u> , Vol. 85, P. 161-166 (1988)
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	AT	Fu, Huidi et al.; THE CLINICAL EFFECTS OF <i>GANODERMA LUCIDUM</i> SPORE PREPARATIONS IN 10 CASES OF ATROPHIC MYOTONIA; <u>Journal of traditional Chinese Medicine</u> , Vol. 2(!), P. 63-65 (1982)
	AU	Mizushina, Yoshiyuki et al.; A Mushroom Fruiting Body-Inducing Substance Inhibits Activities of Replicative DNA Polymerases; <u>Biochemical and Biophysical Research Communications</u> , Vol. 249, P. 17-22 (1998)
	AV	Lin, Lee-Juiian et al.; Separation of oxygenated triterpenoids from <i>Ganoderma lucidum</i> by high-performance liquid chromatography; <u>Journal of Chromatography</u> , Vol. 410, P. 195-200 (1987)
	AW	Kino, Kohsuke et al.; Isolation and Characterization of a New Immunomodulatory Protein, Ling Zhi-8 (LZ-8), from <i>Ganoderma lucidum</i> ; <u>The Journal of Biological Chemistry</u> , Vol. 264, P.472-478 (1989)

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